



Serial No. 10/659,431

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claim 34 in accordance with the following:

1. (CANCELLED)
2. (PREVIOUSLY PRESENTED) The laser scan unit assembly according to claim 7, wherein the printer body has a hinge supporting portion provided thereon to support rotation of the hinge portion.
3. (ORIGINAL) The laser scan unit assembly according to claim 2, wherein the hinge portion is a hinge shaft and the hinge supporting portion is a groove to support the hinge shaft.
4. (ORIGINAL) The laser scan unit assembly according to claim 3, wherein the hinge supporting portion further comprises a resilient member to press the hinge shaft against the groove.
5. (ORIGINAL) The laser scan unit assembly according to claim 2, wherein the hinge portion is formed as a groove and the hinge supporting portion is formed as a hinge shaft to support the groove.
6. (CANCELLED)
7. (PREVIOUSLY PRESENTED) A laser scan unit assembly disposed in a printer body, comprising:
 - a plurality of laser scan units having a window on a front surface thereof through which laser beams are emitted;
 - a hinge portion provided at a first side of each of the laser scan units to pivotably dispose

the laser scan unit on the printer body; and

an adjusting portion on a second side of each of the laser scan units opposite to the first side to adjust an amount the laser scan unit pivots to position the laser beams from the laser scan units to be parallel

wherein the adjusting portion comprises:

a first adjusting unit provided on the second side of the laser scan unit, and

a second adjusting unit provided on the printer body,

wherein the first adjusting unit is an inclined surface and the second adjusting unit is a screw.

8. (PREVIOUSLY PRESENTED) A laser scan unit assembly disposed in a printer body, comprising:

a plurality of laser scan units having a window on a front surface thereof through which laser beams are emitted;

a hinge portion provided at a first side of each of the laser scan units to pivotably dispose the laser scan unit on the printer body; and

an adjusting portion on a second side of each of the laser scan units opposite to the first side to adjust an amount the laser scan unit pivots to position the laser beams from the laser scan units to be parallel,

wherein the adjusting portion comprises:

a first adjusting unit provided on the second side of the laser scan unit, and

a second adjusting unit provided on the printer body,

wherein the first adjusting unit is a screw and the second adjusting unit is an inclined surface.

9. (ORIGINAL) The laser scan unit assembly according to claim 7, further comprising a guiding ring at an end portion of the screw in contact with the inclined surface.

10. (PREVIOUSLY PRESENTED) The laser scan unit assembly according to claim 7, wherein the adjusting portion further comprises a pressing unit to press the first adjusting unit against the second adjusting unit.

11. (CANCELLED)

12. (PREVIOUSLY PRESENTED) The laser printer according to claim 17, wherein the printer body comprises a plurality of hinge supporting portions provided thereon to support rotation of the hinge portions, respectively.

13. (ORIGINAL) The laser printer according to claim 12, wherein each hinge portion is formed as a hinge shaft and each hinge supporting portion is formed as a groove to support the respective hinge shaft.

14. (ORIGINAL) The laser printer according to claim 13, wherein each hinge supporting portion further comprises a resilient member to press the respective hinge shaft against the groove.

15. (ORIGINAL) The laser printer according to claim 12, wherein each hinge portion is formed as a groove, and each hinge supporting portion is formed as a hinge shaft supporting the respective groove.

16. (CANCELLED)

17. (PREVIOUSLY PRESENTED) A laser printer forming an image using a plurality of laser beams, the laser printer comprising:

- a printer body;
 - a photosensitive body on which an image is formed by the plurality of laser beams;
 - a developing apparatus to develop the image formed on the photosensitive body and to transfer the developed image onto a paper;
 - a paper convey apparatus to convey the paper to the developing apparatus; and
 - a plurality of laser scan unit assemblies, each comprising:
 - a laser scan unit comprising a window on a front surface thereof through which the laser beam is emitted,
 - a hinge portion provided at a first side of the laser scan unit to pivotably dispose the laser scan unit, and
 - an adjusting portion provided on a second side of the laser scan unit opposite to the first side to adjust an amount the laser scan unit pivots,
- wherein distances between the plurality of laser beams are adjusted by the adjusting portions to position laser beams from the laser scan units to be parallel,

wherein the printer body supports the hinge portions, wherein each adjusting portion comprises:

- a first adjusting unit provided on the second side of the laser scan unit, and
- a second adjusting unit provided on the printer body wherein each first adjusting unit is an inclined surface and each second adjusting unit is a screw.

18. (PREVIOUSLY PRESENTED) A laser printer forming an image using a plurality of laser beams, the laser printer comprising:

- a photosensitive body on which an image is formed by the plurality of laser beams;
- a developing apparatus to develop the image formed on the photosensitive body and to transfer the developed image onto a paper;
- a paper convey apparatus to convey the paper to the developing apparatus;
- a plurality of laser scan unit assemblies, each comprising:
 - a laser scan unit comprising a window on a front surface thereof through which the laser beam is emitted,
 - a hinge portion provided at a first side of the laser scan unit to pivotably dispose the laser scan unit, and
 - an adjusting portion provided on a second side of the laser scan unit opposite to the first side to adjust an amount the laser scan unit pivots,
- wherein distances between the plurality of laser beams are adjusted by the adjusting portions to position laser beams from the laser scan units to be parallel, and
- a printer body to support the hinge portions, wherein each adjusting portion comprises:
 - a first adjusting unit provided on the second side of the laser scan unit, and
 - a second adjusting unit provided on the printer body,
- wherein each first adjusting unit is a screw and each second adjusting unit is an inclined surface.

19. (PREVIOUSLY PRESENTED) The laser printer according to claim 17, further comprising guiding rings assembled at end portions of the screws,
wherein the guiding rings contact the inclined surfaces.

20. (PREVIOUSLY PRESENTED) The laser printer according to claim 17, wherein each adjusting portion further comprises a pressing unit to press the respective first adjusting unit against the respective second adjusting unit.

21. (ORIGINAL) The laser printer according to claim 13, wherein the laser beams and the respective hinge shafts are formed in a same plane.

22. (ORIGINAL) The laser printer according to claim 13, wherein the grooves have a V-shape.

23. (ORIGINAL) The laser printer according to claim 14, wherein the resilient members are metal plates having a resilience.

24. (ORIGINAL) The laser printer according to claim 20, wherein the pressing units each comprise:

- a fastening portion;
- a guiding rod fastened on the fastening portion; and
- a spring between the first adjusting unit and the guiding rod.

25. (PREVIOUSLY PRESENTED) An apparatus, comprising:
a scan unit to emit a laser beam;
a hinge to pivotably support the scan unit; and
an adjusting portion to adjust an amount of pivot of the hinge,
wherein the adjusting portion includes a screw and an inclined surface in contact with the screw, wherein
a linear movement of the screw across the inclined surface pivots the scan unit.

26. (ORIGINAL) The apparatus according to claim 25, wherein the hinge and the adjusting portion are on opposite sides of the scan unit.

27. (CANCELLED)

28. (PREVIOUSLY PRESENTED) An apparatus, comprising:
a scan unit to emit a laser beam;
a hinge to pivotably support the scan unit; and
an adjusting portion to adjust an amount of pivot of the hinge,
wherein the adjusting portion includes a screw and an inclined surface in contact

with the screw,

wherein a linear movement of the screw across the inclined surface pivots the scan unit, and

the inclined surface is attached to the scan unit.

29. (PREVIOUSLY PRESENTED) The apparatus according to claim 25, wherein the adjusting portion further comprises a nut to support the screw and formed on the scan unit.

30. (ORIGINAL) The apparatus according to claim 25, further comprising a support to support the hinge.

31. (PREVIOUSLY PRESENTED) The apparatus according to claim 30, wherein the hinge is a V-shaped groove and the support is a shaft.

32. (PREVIOUSLY PRESENTED) The apparatus according to claim 30, wherein the support is a V-shaped groove and the hinge is a shaft.

33. (PREVIOUSLY PRESENTED) An image forming apparatus, comprising:
a body; and
a scan unit assembly disposed within the body, comprising:
a scan unit to emit a laser beam,
a hinge portion to pivotably support the scan unit, and
an adjusting portion to adjust an amount of pivot of the hinge portion wherein the adjusting portion includes a screw and an inclined surface in contact
with the screw, wherein
a linear movement of the screw across the inclined surface pivots the scan unit.

34. (CURRENTLY AMENDED) A subassembly of a laser scan unit, comprising:
a hinge portion provided at a first side of the laser scan unit to pivotably dispose the laser scan unit on a printer body,
wherein the hinge portion is formed as a groove;
a hinge supporting portion ~~that supports~~ supporting the groove; and
an adjusting portion on a second side of the laser scan unit opposite to the first side to adjust an amount by which the laser scan unit pivots.